

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	6	"798085".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/10 11:05
S2	1	"6676684".pn.	USPAT	OR	OFF	2007/09/10 11:31
S3	169	gellman with barry.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/10 11:31
S4	98	S3 and needle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/10 11:32
S5	50	S4 and @pd< "20040311"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/10 12:07
S6	53	slanda with jozef.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/10 11:43
S7	28	("20010027273"   "20020183621"   "4080960"   "4693255"   "4817622"   "5074306"   "5607389"   "5701902"   "6032070"   "6213957"   "6223069"   "6230046"   "6272374"   "6306132"   "6631286").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/10 11:43
S8	20	("6306132").URPN.	USPAT	OR	OFF	2007/09/10 11:47

S9	18	("3598108"   "4448198"   "4565200"   "4825880"   "5370675"   "5405346"   "5470308"   "5507743"   "5599295"   "5607389"   "5683384"   "5861002"   "6106524"   "6146378"   "6162216"   "6162261"   "6178354"   "6306132"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/10 12:05
S10	377	(600/562,567.ccls.) and (remove\$3 with needle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/10 12:07
S11	264	S10 and @pd< "20040311"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/10 13:35
S12	2	"6213957".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/10 13:38
S13	2	"5607389".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/10 13:38
S14	2	"6306132".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/05/16 12:58
S15	2	"5788651".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/05/16 12:58
S16	2	"5746753".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/05/16 13:44

S17	2	"6213957".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/05/16 13:46
S18	51	(cut\$3 with electrode) same (biopsy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/05/16 14:30
S19	33	S18 and @pd< "20040311"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/05/16 14:31
S20	2	(wire) same (delaminator) same (separate) same (epithelium)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/05/16 18:00
S21	2	(wire) same (delaminator) same (separate) and (epithelium)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/05/16 18:01
S22	4	(wire) and (delaminator) and (separate) and (epithelium)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/05/16 18:02
S23	2	"6544286".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/05/16 18:05
S24	18	("4346482"   "4646720"   "4662881"   "4676790"   "4715858"   "4793344"   "5171318"   "5192316"   "5213720"   "5374515"   "5522888"   "5716633"   "5827641"   "5919185"   "6036683"   "6187053"   "6280435"   "6280469"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/16 18:07

S25	3	("6544286").URPN.	USPAT	OR	OFF	2008/05/16 18:11
S26	22	(wire with twisted) and (separate) and (epithelium)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/05/16 18:13
S27	2	"6213957".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/17 15:49
S28	7	"798085".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/01 13:57
S29	1	"6213957".pn.	US-PGPUB; USPAT	OR	OFF	2009/12/01 14:00
S30	33	("20010027273"   "20020183621"   "4080960"   "4693255"   "4817622"   "5074306"   "5607389"   "5701902"   "5788651"   "6032070"   "6213957"   "6223069"   "6230046"   "6272374"   "6306132"   "6497706"   "6631286").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/01 14:22
S31	1	"5607389".pn.	US-PGPUB; USPAT	OR	OFF	2010/05/17 11:27
S32	195	("0032066"   "1879249"   "1950788"   "1968997"   "2008526"   "2022065"   "2047535"   "2118631"   "2710000"   "3230957"   "3339542"   "3556079"   "3595239"   "3598108"   "3682162"   "3828780"   "3835842"   "3840016"   "3850175"   "3858577"   "3884237"   "3924628"   "3939840"   "3942530"   "3948270"   "3991770"   "4011872"   "4119102"   "4121592"   "4136566"   "4137920"   "4154246"   "4204549"   "4224929"   "4228809"   "4237898"   "4267828"   "4295467"	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/17 11:37

"4307720"	"4311145"
"4311154"	"4312364"
"4375220"	"4397314"
"4402311"	"4405314"
"4411266"	"4448198"
"4452236"	"4470407"
"4494539"	"4552554"
"4562838"	"4565200"
"4568329"	"4580551"
"4594074"	"4601296"
"4612940"	"4658836"
"4660560"	"4669475"
"4672962"	"4676258"
"4681122"	"4682596"
"4697595"	"4700716"
"4706681"	"4709698"
"4719914"	"4733671"
"4753223"	"4765331"
"4769005"	"4774949"
"4776086"	"4781186"
"4784638"	"4785829"
"4798215"	"4800899"
"4805616"	"4813429"
"4817601"	"4818954"
"4822333"	"4823791"
"4823812"	"4860744"
"4865047"	"4872458"
"4887615"	"4893623"
"4896671"	"4898577"
"4905667"	"4906230"
"4907589"	"4911148"
"4911173"	"4919129"
"4920978"	"4932958"
"4936281"	"4940064"
"4943290"	"4946449"
"4949706"	"4950267"
"4955377"	"4961435"
"4966597"	"4967765"
"4982724"	"4998932"
"4998933"	"5002558"
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"5026959"	"5029588"
"5030227"	PN. OR
("5035695"	"5035696"
"5045056"	"5045072"
"5055109"	"5057105"
"5057106"	"5057107"
"5059851"	"5060660"
"5071418"	"5080660"
"5083565"	"5084044"
"5100423"	"5108415"
"5109859"	"5116615"
"5120316"	"5122137"
"5135525"	"5150717"
"5170787"	"5178620"

		"5179962"   "5190539"   "5195965"   "5195968"   "5197963"   "5201732"   "5207672"   "5220927"   "5222953"   "5228441"   "5234004"   "5235964"   "5249585"   "5254088"   "5257451"   "5273535"   "5275162"   "5281213"   "5281217"   "5281218"   "5287845"   "5290286"   "5293868"   "5293869"   "5299559"   "5300068"   "5300069"   "5300070"   "5300099"   "5301687"   "5304134"   "5304214"   "5309910"   "5313943"   "5470308").PN.				
S33	7	"798085".ap.	US-PGPUB; USPAT	OR	OFF	2010/05/17 12:01
S34	928	600/567.ccls.	US-PGPUB; USPAT	OR	OFF	2010/05/17 12:16
S35	527	S34 and @pd<"20040311"	US-PGPUB; USPAT	OR	OFF	2010/05/17 12:16
S36	445	S35 and (handle near3 detach\$2 or remove\$2)	US-PGPUB; USPAT	OR	OFF	2010/05/17 12:18
S37	38	S36 and conduit	US-PGPUB; USPAT	OR	OFF	2010/05/17 12:20
S38	1	"20020120212"	US-PGPUB; USPAT	OR	OFF	2010/05/27 16:11
S39	1	"6689071".pn.	USPAT	OR	OFF	2010/05/27 16:12
S40	1	"6554778".pn.	USPAT	OR	OFF	2010/05/27 16:12
S41	1	"6273861".pn.	USPAT	OR	OFF	2010/05/27 16:13
S42	2	(multi-barb\$2 same electrode) and (biopsy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/05/27 16:19
S43	2	(multi-barb\$2 same electrode) and (tissue)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/05/27 16:20

S44	2	(multi-barb\$2 same electrode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/05/27 16:20
S45	1030	(barb\$2 same electrodes)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/05/27 16:20
S46	576	(barb\$2 same electrodes) and (tissue)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/05/27 16:21
S47	18	(barb\$2 same electrodes) and (tissue)and (biopsy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/05/27 16:21
S48	2	"20010014779"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/05/31 12:20
S49	1997	606/167.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/01 16:18
S50	1150	S49 and @pd< "20040311"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/01 16:18
S51	132	S50 and lumen and channel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/01 16:20

S52	2	"5607389".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/01 16:51
S53	256	("0032066"   "1879249"   "1950788"   "1968997"   "2008526"   "2022065"   "2047535"   "2118631"   "2710000"   "3230957"   "3339542"   "3556079"   "3595239"   "3598108"   "3682162"   "3828780"   "3835842"   "3840016"   "3850175"   "3858577"   "3884237"   "3924628"   "3939840"   "3942530"   "3948270"   "3991770"   "4011872"   "4119102"   "4121592"   "4136566"   "4137920"   "4154246"   "4204549"   "4224929"   "4228809"   "4237898"   "4267828"   "4295467"   "4307720"   "4311145"   "4311154"   "4312364"   "4375220"   "4397314"   "4402311"   "4405314"   "4411266"   "4448198"   "4452236"   "4470407"   "4494539"   "4552554"   "4562838"   "4565200"   "4568329"   "4580551"   "4594074"   "4601296"   "4612940"   "4658836"   "4660560"   "4669475"   "4672962"   "4676258"   "4681122"   "4682596"   "4697595"   "4700716"   "4706681"   "4709698"   "4719914"   "4733671"   "4753223"   "4765331"   "4769005"   "4774949"   "4776086"   "4781186"   "4784638"   "4785829"   "4798215"   "4800899"   "4805616"   "4813429"   "4817601"   "4818954"   "4822333"   "4823791"   "4823812"   "4860744"   "4865047"   "4872458"   "4887615"   "4893623"   "4896671"   "4898577"   "4905667"   "4906230"	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/01 16:51



		"4907589"   "4911148"   "4911173"   "4919129"   "4920978"   "4932958"   "4936281"   "4940064"   "4943290"   "4946449"   "4949706"   "4950267"   "4955377"   "4961435"   "4966597"   "4967765"   "4982724"   "4998932"   "4998933"   "5002558"   "5003991"   "5007437"   "5007908"   "5010886"   "5026959"   "5029588"   "5030227").PN. OR ("5035695"   "5035696"   "5045056"   "5045072"   "5055109"   "5057105"   "5057106"   "5057107"   "5059851"   "5060660"   "5071418"   "5080660"   "5083565"   "5084044"   "5100423"   "5108415"   "5109859"   "5116615"   "5120316"   "5122137"   "5135525"   "5150717"   "5170787"   "5178620"   "5179962"   "5190539"   "5195965"   "5195968"   "5197963"   "5201732"   "5207672"   "5220927"   "5222953"   "5228441"   "5234004"   "5235964"   "5249585"   "5254088"   "5257451"   "5273535"   "5275162"   "5281213"   "5281217"   "5281218"   "5287845"   "5290286"   "5293868"   "5293869"   "5299559"   "5300068"   "5300069"   "5300070"   "5300099"   "5301687"   "5304134"   "5304214"   "5309910"   "5313943"   "5470308").PN. OR ("5607389").URPN.				
S54	8	("20010014779"   "5607389"   "6213957"   "6692490").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB	OR	ON	2010/09/08 06:25

S55	2	"6261241".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/08 06:28
S56	23	("4243048"   "4362160"   "4565200"   "5047027"   "5064424"   "5133359"   "5281218"   "5324288"   "5415656"   "5417687"   "5431649"   "5470308"   "5526822"   "5649547"   "5687739"   "5715825"   "5741225"   "5782775"   "5794626"   "5797907"   "5902272"   "5947964"   "Re34056").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/08 06:29
S57	75	("6261241").URPN.	USPAT	OR	OFF	2010/09/08 06:30
S58	0	(handle with fit\$4) same (placeholder with fit\$4) same (twist\$3) same (needle) same (tissue)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/08 07:03
S59	0	(handle with fit\$4) and (placeholder with fit\$4) and (twist\$3) and (needle) and (tissue)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/08 07:04
S60	650	(handle with fit\$4) and (twist\$3) and (needle) and (tissue)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/08 07:04
S61	0	(placeholder with fit\$4) and (lumen) and (handle with channel) and (sampl \$3 with element)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/08 07:06
S62	0	(placeholder with fit\$4) and (lumen) and (handle with channel) and tissue	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/08 07:06

S63	0	(placeholder with fit\$4) and (lumen) and (tissue)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/08 07:07
S64	11	(handle with channel) and (lumen) and (holder with fit\$4) and (needle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/08 07:08
S65	216	S60 and @pd< "20040311"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/08 07:13
S66	70	S65 and channel and lumen	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/08 07:14
S67	7	S65 and channel and lumen and (luer with connector)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/08 07:25

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